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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/732,922	12/10/2003	Joachim Kordass	22743	7359

535 7590 01/25/2005

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EXAMINER

ALEMU, EPHREM

ART UNIT	PAPER NUMBER
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2821

DATE MAILED: 01/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/732,922

Applicant(s)

KORDASS ET AL.

Examiner

Ephrem Alemu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 September 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 May 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12-10-03, 9-13-04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Gomez (US 6,773,018).

Re claims 1 and 4, Gomez discloses an antenna assembly for mounting upon a wall (i.e., roof or panel) of a vehicle body, comprising:

a base body (i.e., baseplate 22) composed of metal and having a plate-shaped portion (i.e., baseplate body 82) adapted to be juxtaposed with the wall (i.e., mounting panel 14) (Figs. 1-4; Col. 1, lines 7-10; Col. 2, lines 9-36; Col. 3, line 47- Col. 4, line 2);

a housing (i.e., radome 20) composed of plastic and enclosing antenna elements mounted upon the base body (Figs. 1-4; Col. 2, lines 29-59); and

a seal (i.e., gasket seal 24) between the plate-shaped portion and the wall (i.e., mounting panel 14) and sealing the base plate (i.e., baseplate 22) relative to an interior of the vehicle body (i.e., mounting panel 14) (Figs. 1-4; Col. 2, line 9 - Col. 4, line 2; wherein the seal has a part sandwiched between a surface of the wall and the plate-shaped portion).

Re claims 2 and 3, Gomez further shows the seal is injected molded and is at least in part fitted on the base body (i.e., a portion of sleeve 162 of the seal 24 being fitted into the annular

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recess 170 of baseplate 22) and wherein the seal is formed by one component or multiple components by injection molding (Figs. 1-4, 6; Col. 2, lines 37-52; Col. 6, lines 16-38).

Re claims 5, 6 and 7, Gomez further discloses the plate-shaped portion (i.e., baseplate body 82) is provided with a projection (i.e., shaft portion 86) extending through a hole in the wall (i.e., mounting panel 14) and the seal (i.e., gasket seal 24) extends around the projection (i.e., shaft portion 86) (Figs. 1-4; Col. 1, lines 7-10; Col. 2, lines 9-36; Col. 3, line 47- Col. 4, line 2; wherein the seal hugs, extends along and closely surrounds the projection).

Re claim 8, Gomez further discloses the seal is formed with a substantially circular cross section bead (i.e., raised bead 150) surrounding the projection (i.e., shaft portion 86) (Figs. 1-4, 6; Col. 5, lines 54-65).

Re claims 9 and 10, Gomez further discloses the seal is provided with an outer bead (i.e., lip 144) engaging the wall (i.e., mounting panel 14) (Figs. 1-4, 6; Col. 5, lines 54-65; wherein the seal is provided with portions between the beads projecting through openings formed in the plate-shaped portion).

Re claim 11, Gomez further discloses the plate-shaped portion (i.e., baseplate body 82) is provided with at least a pair of annular ridges (i.e., annular recess 170) flanking the opening in the plate-shaped portion (i.e., baseplate body 82) (Figs. 1-4, 6; Col. 6, lines 28-38).

Re claims 12 and 13, Gomez further discloses the projection is threaded, the assembly further comprising a nut (104) threaded onto the projection (i.e., shaft portion 86) and clamping the plate-like portion (i.e., baseplate body 82) against the seal (i.e., gasket seal 24) and the wall (i.e., mounting panel 14) (Figs. 1-4, 6; Col. 3, line 47 - Col. 4, line 2; Col. 5, lines 54-65; wherein

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the seal is provided with an inner bead surrounding the hole and sealing against the wall around the hole).

Re claim 14, Gomez further discloses the seal has an outer bead (i.e., lip 144) bearing against the wall (i.e., mounting panel 14) and, between the beads, formations projection (i.e., plurality sleeves 162) through openings in the plate-shaped portion (i.e., baseplate body 82) (Figs. 1-4, 6; Col. 5, lines 29-64; Col. 6, lines 28-38).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Imahigashi (US 6,486,841); and Scott et al. (US 6,331,838); teach similar inventive subject matter.


Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ephrem Alemu whose telephone number is (571) 272-1818. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EA
1-21-05


Don Wong
Supervisory Patent Examiner
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